

ASBESTOS ASSESMENT SURVEY

H-K Building #06  
Project Number: 0980193E  
Project: G. HEILEMAN BREWERY "E"  
Date Inspected: 03/27/89  
Inspector: MARK VOTH

Building Number: 06  
Building Name: FILTRATION  
SEATTLE, WASHINGTON 98134  
Building Type: STK CELLAR  
Year Constructed: 1933

*****	AREA NUMBER: 01	AREA DESCRIPTION: 1st Floor-At Ceiling	AREA AVERAGE % ASBESTOS: 28%	*****
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LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
filtration room-center-north to south	00-356636	40%	pipe covering	OMA	85 ft.	4 in. O.D.	HPS/R	27	III	\$758	\$474	\$1,232
filtration room-center-north to south	00-356636	40%	pipe covering	OMA	25 ft.	6 in. O.D.	HPS/R	27	III	\$324	\$203	\$527
filtration room-center-north to south	01-356637	35%	mjp on pipe covering	OMA	16 4	in. O.D.	HPS/R	27	III	\$449	\$250	\$699
filtration room-center-north to south	01-356637	35%	mjp on pipe covering	OMA	6 6	in. O.D.	HPS/R	27	III	\$232	\$136	\$368
	01-356638	30%						27	III			
	01-356639	20%						27	III			
filtration room-northeast corner	02-356640	20%	mjp on non-suspect pipe cover	OMA	2 6	in. O.D.	HPS/R	27	III	\$77	\$45	\$122
	02-356641	20%						27	III			
	02-356642	20%						27	III			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 8' to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a high traffic area.

AREA # 01 TOTAL \$1,840 \$1,108 \$2,948

*****	AREA NUMBER: 02	AREA DESCRIPTION: 1st Floor-Ceiling	AREA AVERAGE % ASBESTOS: 0%	*****
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LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
west hall	03-356643	0%	drop or lay-in panel	OMG	512	sq.ft.						
	03-356644	0%										
	03-356645	0%										
west hall	04-356646	0%	drop or lay-in panel	OMG	24	sq.ft.						
	04-356647	0%										
	04-356648	0%										
west hall	05-356649	0%	drop or lay-in panel	OMG	40	sq.ft.						
	05-356650	0%										
	05-356651	0%										

AREA COMMENTS

AREA # 02 TOTAL \$0 \$0 \$0

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*****	AREA NUMBER: 03	AREA DESCRIPTION: 1st Floor-Above Drop Ceiling	AREA AVERAGE % ASBESTOS: 31%	*****
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LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
at air handling unit	00-356636	40%	pipe covering	OMA	10 ft. 4 in.	O.D.	HPS/R	15	IV	\$89	\$56	\$145
at air handling unit	01-356637	35%	mjp on pipe covering	OMA	4 4 in.	O.D.	HPS/R	15	IV	\$112	\$62	\$174
	01-356638	30%						15	IV			
	01-356639	20%						15	IV			

AREA COMMENTS

The materials are in good condition with minor contact and water damage. The materials are approximately 9' to 11' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 03 TOTAL \$201 \$118 \$319

*****	AREA NUMBER: 04	AREA DESCRIPTION: 2nd Floor	AREA AVERAGE % ASBESTOS: 25%	*****
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LOCATION OF THE MATERIAL	SAMPLE NUMBER	ASB	MATERIAL DESCRIPTION	O&M CODE	QUANTITY	UNITS OF MEASURE	PIPE ID	EXP POT	PL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
north wall-near center	00-356652	40%	pipe covering	OMA	10 ft. 6 in.	O.D.	HPS/R	38	III	\$130	\$81	\$211
north wall-near center	06-356653	20%	mjp on pipe covering	OMA	1 6 in.	O.D.	HPS/R	38	III	\$39	\$23	\$62
	06-356654	20%						38	III			
	06-356655	20%						38	III			

AREA COMMENTS

The materials are in fair condition with contact and water damage. The materials are up to 10' from the floor. At a minimum, it is recommended that the materials be repaired and monitored. If removal is planned, glove bag removal procedures are recommended. This appears to be a low traffic area.

AREA # 04 TOTAL \$169 \$104 \$273

BUILDING # 06 TOTAL \$2,210 \$1,330 \$3,540